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- 11 -

pharyngeal wall for use with the system 10 shown in Fig.

2.

26C

Figs. 26A, 26B, 26C show the vertical orientation of multiple sources of magnetism in the pharyngeal wall for use with the system 10 shown in Fig. 2.

Figs. 27A and 27B show, respectively, the horizontal and vertical orientation of multiple sources of magnetism in the pharyngeal wall for use with the system 10 shown in Fig. 2 and the angular orientation of multiple sources of magnetism in the pharyngeal wall for use with the system 10 shown in Fig. 2.

Figs. 28A, 28B, 28C, 28D show a type of system 10 that includes ferromagnetic material or materials that are implanted in targeted pharyngeal structures in the pharyngeal conduit, which interact with source or sources of magnetic forces that are also implanted in targeted pharyngeal structures and individual anatomic components in the pharyngeal conduit, generating repelling forces to achieve the desired physiologic response.

Fig. 29 shows a type of system 10 that includes ferromagnetic material or materials that are implanted in the tongue, which interact with source or sources of magnetic forces that are implanted in the soft palate, generating repelling forces to achieve the desired physiologic response.

Figs. 30A, 30B, and 30C show the implantation of a pharyngeal wall device within the pharyngeal conduit, with fixation to a vertebral body.

Fig. 31 shows the implantation of one or more permanent magnets of soft ferromagnetic materials outside the pharyngeal conduit, with fixation to the hyoid bone.

Figs. 32A, 32B, and 32C show implantation of a pharyngeal wall device within the pharyngeal conduit through the fossa of the palatine tonsil.

35 Detailed Description

FM 8.  
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